UTILITY PATENT APPLICATION

PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. MAUI03-02 First Inventor Richard Henry Pohle Title Spherically-Enclosed Folded Imaging System ET 00007000ATIC

(Only for new nonprovisional applications under 37 CFR 1 53(b))

TRANSMITTAL

10.11/1.01		applications and of or or transport	Express IVI	ali Label IVO.	100923	77220403				
See MPEP		TION ELEMENTS uning utility patent application contents.	ADDRES	SS TO:	Commiss P.O. Box	Patent Applica sioner for Patent 1450 ia VA 22313-145	s	0±0 9 ■		
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 24] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 10] 5. Oath or Declaration [Total Sheets 2] a. X Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76			8. Nuclee (if app a	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. X Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. X Information Disclosure X Copies of IDS Statement (IDS)/PTO 1449 Citations 13. Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:										
Contir	nuation	Divisional Continua	tion-in-part (CII	P) of p	rior applicatio	n No.:				
Prior application information: Examiner Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.										
19. CORRESPONDENCE ADDRESS										
Custome	er Number:			or [X Corre	spondence add	iress belo	w		
Name Gregory Matthew McCloskey, Textron Systems Corporation										
Address	201 Lowell Street									
City	Wilmington		State MA			Zip Code	01887			
Country	" mmgon		elephone 9		77	Fax		7-6913		
							770-03	1-0713		
Name (Print/Ty	pe) Gregory	Matthew McCloskey	Registration	n No. (Attorne	ey/Agent)	47,025	T =]		
Signature		Y INH YIMW				Date	02/1	2/124		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03) Approved for use through 07/31/2006. OMB 0651-0032

	U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMER	
Under the Paperwork Reduction Act of 1995,	no persons are required to respond to a collection of information unless it displays a valid OMB control numb	er.

EEE TOANGMITTA	Complete if Known							
FEE TRANSMITTA	L	Application Number			er			
for EV 2004		Filing Date			2/12/04			
for FY 2004		First Named Inventor			D: 1 /177 D 11			
Effective 10/01/2003. Patent fees are subject to annual revision.		Examiner Name						
Applicant claims small entity status. See 37 CFR 1.27		Art Unit						
TOTAL AMOUNT OF PAYMENT (\$) 1,260.00			Attorney Docket No. MAUI03-02					
METHOD OF DAVIDENT		7111011	icy be					
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)						
Check Credit card Money Order None		3. ADDITIONAL FEES						
X Deposit Account:	Large Fee	arge Entity , Small Entity Fee Fee Fee Fee Foo Description						
Deposit		e (\$)	Code		Fee Description <u>Fee Paid</u>			
Number	1051	130	2051	65	Surcharge - late filing fee or oath			
Deposit Account Textron Systems Corporation	1052	50	2052		Surcharge - late provisional filing fee or cover sheet			
Name	1053	130	1053		Non-English specification			
X Charge fee(s) indicated below X Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after			
to the above-identified deposit account.					Examiner action			
FEE CALCULATION	1251		2251		Extension for reply within first month			
1. BASIC FILING FEE	1252		2252		Extension for reply within second month			
Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid	1253 1254		2253		Extension for reply within third month			
Code (\$) Code (\$)		2.010	2254		Extension for reply within fourth month Extension for reply within fifth month			
1001 770 2001 385 Utility filing fee 770.00	1401	-•	1	.,				
1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee	1401		2401		Notice of Appeal Filing brief in support of an appeal			
1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee	1403		2403		Request for oral hearing			
1005 160 2005 80 Provisional filing fee	l	1,510	1451		Petition to institute a public use proceeding			
	1452		2452		Petition to revive - unavoidable			
	1453	1,330	2453	665	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330	2501		Utility issue fee (or reissue)			
Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee			
Total Claims 45 $-20^{++} = 25$ \times $18 = 450$ Independent 3 $-3^{++} = 0$ \times	1503	640	2503	320	Plant issue fee			
Independent 3 - 3** = 0 X = 0	1460	130	1460	130	Petitions to the Commissioner			
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt			
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties) 40.00			
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection			
1203 290 2203 145 Multiple dependent claims if excess of 3	1810	770	2810		(37 CFR 1.129(a))			
1204 86 2204 43 ** Reissue independent claims	1010	,,,	2010		For each additional invention to be examined (37 CFR 1.129(b))			

SUBMITTED BY (Complete (if applicable)								
Name (Print/Type)	Name (Print/Type) Gregory Matthew McCloskey Registration No. (Attorney/Agent) 47,025				Telephone 978-657-1207			
Signature	m man min			Date	02/12/04			

1802

450.00

2801

*Reduced by Basic Filing Fee Paid

900 1802

Other fee (specify)

385 Request for Continued Examination (RCE)

SUBTOTAL (3) (\$)

40.00

900 Request for expedited examination

of a design application

WARNING! Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

18

1205

2205

over original patent

SUBTOTAL (2)

**or number previously paid, if greater; For Reissues, see above

and over original patent

** Reissue claims in excess of 20

(\$)